

11/27/01



11060 U.S. PTO

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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

Bayer 10,227-WCG

First Inventor

Dr. Klemens KOHLGRÜBER

Title

[SEE APPENDIX]

Express Mail Label No.

EV 015940614US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **15**]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **8**]
5. Oath or Declaration [Total Pages **1**]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Letter to the Official Draftsman and Appendix

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____

Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	William C. Gerstenzang				
Address	NORRIS MCLAUGHLIN & MARCUS, P.A. 220 East 42nd Street, 30th Floor				
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Name (Print/Type)

William C. Gerstenzang

Registration No. (Attorney/Agent)

27,552

Signature

Date

November 27, 2001

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Dr. Klemens KOHLGRÜBER
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	Bayer 10,227-WCG

TOTAL AMOUNT OF PAYMENT \$776.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **14-1263**

Deposit Account Name

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR § 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1)			740.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
22	-20** = 2	18.00	36.00
Independent Claims	1 - 3** = 0	84.00	0.00
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) 36.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non - English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR § 1.17(q)	
126 180	126 180	Submission of Information Disclosure Statement	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify)			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 0.00

SUBMITTED BY

Name (Print/Type)	William C. Gerstenzang	Registration No. (Attorney/Agent)	27,552	Telephone	212-808-0700
Signature		Date	November 27, 2001		

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BAYER 10,227-WCG
LEA 32751-US

EXPRESS MAIL CERTIFICATE

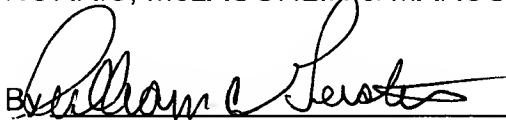
"Express Mail" mailing label number EV 015940614US
Date of Deposit November 27, 2001

I hereby certify that the following items:

1. Utility Patent Application Transmittal
2. Fee Transmittal in duplicate - **CHARGE DEPOSIT ACCOUNT**
3. Application consisting of
Description - pages 1-11; Claims - pages 12-14; Abstract - page 15;
and Drawings - 8 sheets (Figs. 1-10b)
4. Preliminary Amendment - 10 pages (annexing marked-up copy of amended claims)
5. Letter to the Official Draftsman - attaching 8 sheets (Figs. 1-10b)
6. Appendix
7. Return Receipt Post Card

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the: BOX PATENT APPLICATION, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By 

Attorney Docket No.: Bayer 10,227-WCG
: LEA 32751-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Dr. Klemens KOHLGRÜBER and Dr. Frank WEYRICH
For : APPARATUS FOR CARRYING OUT MASS TRANSFER PROCESS
Serial No. : To Be Assigned
Filed : Herewith
Art Unit : To Be Assigned
Examiner : To Be Assigned

November 27, 2001

BOX PATENT APPLICATION
The Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

LETTER TO THE OFFICIAL DRAFTSMAN

Submitted herewith for entry and approval are eight (8) sheets of formal drawings (FIGS. 1 - 10b) in the above-referenced application.

Respectfully submitted,
NORRIS McLAUGHLIN & MARCUS, P.A.

By 

William C. Gerstenzang
Reg. No. 27,552

WCG:gb
Enc. - Formal Drawings (8 sheets)

220 East 42nd Street
30th Floor
New York, New York 10017
Phone: (212) 808-0700
Fax: (212) 808-0844

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NORRIS McLAUGHLIN & MARCUS, P.A.

By 

Date 11/27/01

APPENDIX

Bayer 10,227-WCG
LEA 32751-US

TITLE:

APPARATUS FOR CARRYING OUT MASS TRANSFER PROCESSES

LIST OF INVENTORS:

1. Dr. Klemens KOHLGRÜBER
2. Dr. Frank WEYRICH

CLAIM TO PRIORITY:

Priority is hereby claimed under 35 U.S.C. 119 on the basis of German Application Serial No. 100 65 440.1, filed on December 27, 2000 and German Application Serial No. 101 44 233.5, filed on September 10, 2001.

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NORRIS, McLAUGHLIN & MARCUS, P.A.

By: 